Title (en)

NETWORK SYSTEM, NETWORK CONTROL METHOD, AND CONTROL DEVICE

Title (de)

NETZWERKSYSTEM, NETZWERKSTEUERUNGSVERFAHREN UND STEUERUNGSVORRICHTUNG

Title (fr)

SYSTÈME DE RÉSEAU, PROCÉDÉ DE COMMANDE DE RÉSEAU ET DISPOSITIF DE COMMANDE

Publication

EP 3276893 A4 20181121 (EN)

Application

EP 16767989 A 20160314

Priority

- JP 2015061747 A 20150324
- JP 2016001433 W 20160314

Abstract (en)

[origin: EP3276893A1] A network system, a network control method, and a control apparatus are provided that can easily achieve assurance of the quality of a network service and optimization of the throughput of an entire system. A network control apparatus (11) controls a network having a multi-layer structure, sets a first layer path that provides virtual network functions for a network service on a first layer, monitors whether or not the network service on the first layer fulfills a required service level, and depending on a result of the monitoring, changes a setting of a packet header so that the first layer path will be switched at an end point of the network service. This causes a resource on a second layer, which is a lower layer than the first layer, to change.

IPC 8 full level

H04L 45/42 (2022.01); **H04L 12/46** (2006.01); **H04L 45/74** (2022.01)

CPC (source: EP US)

H04L 12/4641 (2013.01 - US); **H04L 45/38** (2013.01 - EP US); **H04L 45/64** (2013.01 - EP US); **H04L 45/74** (2013.01 - US); **H04L 47/2425** (2013.01 - US)

Citation (search report)

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- [A] US 2014105039 A1 20140417 - MCDYSAN DAVID E [US]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3276893 A1 20180131; **EP 3276893 A4 20181121**; JP 6721869 B2 20200715; JP WO2016152081 A1 20180111; US 10511526 B2 20191217; US 2018115485 A1 20180426; WO 2016152081 A1 20160929

DOCDB simple family (application)

EP 16767989 A 20160314; JP 2016001433 W 20160314; JP 2017507471 A 20160314; US 201615560811 A 20160314